



La Fresque du Climat

*A Fusion of French, Science and Climate Action
at the University of Strathclyde and St Anne's Primary School*

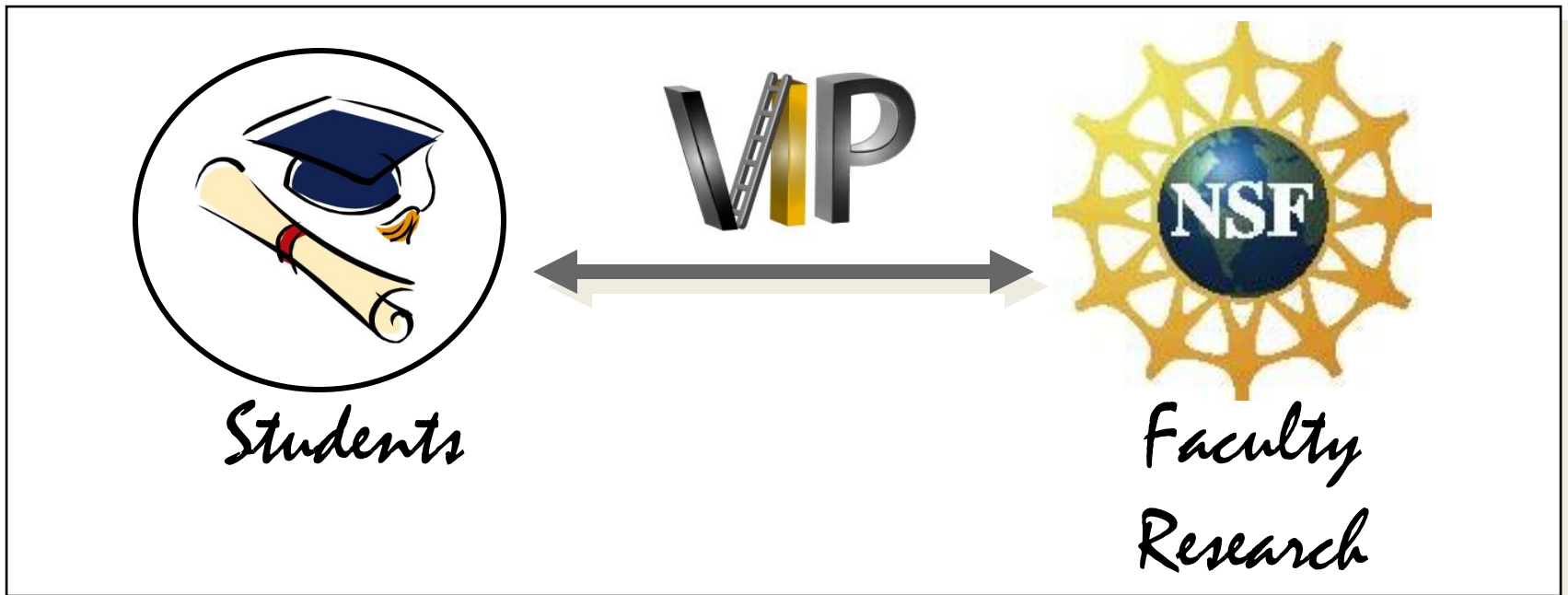
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Climate Fresk Facilitators

Real World Mutual Benefit (Georgia Tech & Prof. Ed. Coyle)



Students on real projects in
which they experience
innovation in process

Faculty can benefit from
help at all levels of
innovation in process

Real World Mutual Benefit (*Georgia Tech & Prof. Ed. Coyle*)

- Real world research / real world projects
- Values : long-term participation / teamwork / participants learn from each other.



Real World Mutual Benefit (*Georgia Tech & Prof. Ed. Coyle*)

- Created in 2012 / New pathways created in 2018 (ESD)
- 17 UN goals / VIP ESD (with the use of Climate Fresk)
- Transdisciplinary opportunities: entrepreneurship, domestic conferences, domestic project, international project.
- Accredited pathways for the Institute of Education



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Climate Fresk – What is it?

- A “serious game” – fun and collaborative way to understand the reality of climate change
- Created by Cédric Ringenbach in 2018
- Anais Térrien – new leader.
- NGO active in over 40 countries around the world.
- Climate Fresk workshops / Climate Fresk facilitators.
- Available in more than 45 different languages.

VIP4SD STEM Education & Public Engagement

Climate Fresk

- IPCC Report – explained in simple terms
- Uses a systems approach to develop a causal relationship diagram (your Fresk) to understand how earth systems interact with each other.
- Objective: to enable both individuals and organisations to have an open and positive conversation about climate solutions.
- All participants take an active role in the building-up of the Fresk, becoming participative learners.

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Climate Fresk – Cause and Effect

- 3 phases to the game:
 - Discovering
 - Creating
 - Reflecting



Climate Fresk Card Game:

- Junior Game : 23 cards
- Adult Game : 44 cards



CO₂

7



Effet de serre

Insolation

Réflexion

Rayonnement infrarouge

Effet de Serre

15°C

-18°C

°C

13

7

LA FRESQUE
DU CLIMAT
www.fresqueduklimat.org

A cause des activités humaines (transport, industrie, bâtiment), la concentration en CO₂ a augmenté dans l'atmosphère.

Lot 1

13

LA FRESQUE
DU CLIMAT
www.fresqueduklimat.org

Depuis un siècle, l'effet de serre augmente à cause du CO₂ et du méthane. Conséquence : la terre se réchauffe.

Lot 1

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Payable online on *Mural*

<https://app.mural.co/t/noe0943/m/noe0943/1713891291377/a889f34102bf7b6d8b9cdccc58caeaf8204df12?sender=udb93dc674478eef349dd8560>

The screenshot displays the Mural collaborative workspace interface. At the top, the title bar reads "Untitled mural" with various editing tools like undo, redo, zoom, and pan. A toolbar on the left contains icons for adding elements like text, images, and shapes. The main workspace is titled "1) La Fresque du Climat" and features a central map of France with a "LA FRESQUE DU CLIMAT" logo. To the right, a panel titled "LES CONSIGNES POUR INTRODUIRE" lists instructions. Below the map, there are five colored boxes labeled "LOT 2", "LOT 3", "LOT 4", "LOT 5", and "5". On the left side of the workspace, there are two large teal boxes labeled "Correction lot 1" and "Correction lot 2". At the bottom, there are four smaller teal boxes labeled "Lot 3 : pratique", "Lot 4 : pratique", "Lot 5 : pratique", and "Lot 7 : pratique". A sidebar on the right shows an "Outline" with a "Welcome to Mural!" message and a list of activities: "1 Activités humain..." and "2 Utilisation des én...". The bottom right corner shows a zoom level of 5% and a "Share" button.

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Collaboration between HaSS – French students and Education (BA Primary Education students)

- Science and French.
- Collaborative group work to begin planning for the French and Science session in St Anne's PS
- Creation of interdisciplinary activities.
- In collaboration with St. Anne's Primary School in Glasgow.

Beyond Climate Fresk

- From one card: expand on a specific challenge.
- Les habitats
- Le cycle de l'eau
- Les chaines alimentaires



- Adaptation for pupils (around 8 to 11 years old)

Example:



- The elements
- The colours
- The images
- Floating or sinking?

All rights reserved
@climatefresk

Example:



- The animals and their sounds.
- The food chain
- The anatomy

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@climatefresk





VEED





Resources

- Wosdec <https://wosdec.org.uk/our-resources/>
- Scotdec <https://scotdec.org.uk/>
- Leeds DEC resources <https://leedsdec.org.uk/>

Modern languages – Climate Action

Have to provide your email details to access resources as Leeds Dec funding is conditional on monitoring usage of their resources.